

7

are constructed from a heavy duty flexible material. The heavy duty flexible material utilized in the construction of the breakaway recovery strap **14** and the breakaway wrist strap **17** can include but are not limited to nylon, polyethylene, flexible plastics and natural fiber, as well as any combination thereof. In the preferred embodiment of the present invention, the breakaway wrist strap **17**s utilize a side release buckle as the strap fastener **19** to secure the breakaway wrist strap **17** to a climber's wrist. In the current embodiment of the present invention, the breakaway recovery strap **14** and the breakaway wrist strap **17** are detachably coupled by the first snap buckle **16** and the second snap buckle **20**. In the preferred embodiment of the present invention the first snap buckle **16** and the second snap buckle **20** are $\frac{7}{16}$ " snaps, which provides sufficient strength and tension with a low jerk producing breaking point. During a descent the detachable engaged snap buckles allows the climber to expand the extendable sleeve **1** without using their hands. When the climber expands the extendable sleeve **1** to its maximum length or encounters increased tension, the snap buckles release avoiding unwanted entanglement with the apparatus. In addition to the deploying the extendable sleeve **1** over the climbing rope, the breakaway recovery strap **14** functions as an attachment point for a recovery line. The recovery line is secured to the breakaway recovery strap **14** positioned distal to the climbing ropes anchor point. It should be noted that the climber would have to passively secure the proximally positioned width adjuster mechanism **7** in order to recover the extendable sleeve **1** with the recovery line. Upon securing the recovery line to the breakaway recovery strap **14**, the climber would be able to use the recovery line thrown over the edge of the descending surface as a means to pull the extendable sleeve **1** off of the climbing rope and down to the descended climber. This retrieval method is used in a situation that calls for a user to rappel or mountaineer down a surface that they are unlikely to return to the top of. Furthermore, the breakaway recovery strap **14** of the distal terminal end and the breakaway recovery strap **14** of the proximal terminal end relative to the anchor point can be utilized in simultaneously to retrieve the extendable sleeve **1**. In this situation the breakaway recovery strap **14** of the proximal terminal end would be coupled to a carabiner of an anchor rope. The breakaway recovery strap **14** of the distal end would be coupled to the recovery line. Upon completing a descent the climber would be able to retrieve the extendable sleeve **1** and the anchor rope by pulling the climbing rope through the anchor rope and subsequently pulling the recovery line attached to the breakaway recovery strap **14** of the distal terminal end.

Although the invention has been explained in relation to its preferred embodiment, it is to be understood that many other possible modifications and variations can be made without departing from the spirit and scope of the invention as hereinafter claimed.

What is claimed is:

1. An extendable rope protecting sleeve comprises:

an extendable sleeve;

a breakaway wrist strap;

the extendable sleeve comprises a lateral protective surface, a first sleeve opening, a second sleeve opening;

the breakaway wrist strap comprises an adjustable band, a strap fastener, and a second snap buckle;

the lateral protective surface comprises an exterior lateral surface and an interior lateral surface;

both the first sleeve opening and the second sleeve opening each comprise a width adjuster mechanism and a breakaway recovery strap;

8

the width adjuster mechanism comprises a drawstring, a drawstring channel, and a drawstring lock;

the breakaway recovery strap comprises a loop strap and a first snap buckle;

the drawstring comprises a first drawstring end and a second drawstring end;

the channel comprises channel opening; and

the extendable sleeve being detachably engaged to the breakaway wrist strap.

2. The extendable rope protecting sleeve as claimed in claim 1, wherein the detachable engagement between the extendable sleeve and the breakaway wrist strap is provided as a low jerk detachable engagement.

3. The extendable rope protecting sleeve as claimed in claim 1 comprises:

the first sleeve opening being terminally positioned on the extendable sleeve;

the second sleeve opening being terminally positioned on the extendable sleeve opposite the first sleeve opening;

the lateral protective surface being positioned between the first sleeve opening and the second sleeve opening; and

the first sleeve opening, the lateral protective surface, and the second sleeve opening being centrally aligned, wherein the central alignment between the first sleeve opening, the lateral protective surface and the second sleeve opening traverse along the length of the extendable sleeve providing an interior channel for a rope.

4. The extendable rope protecting sleeve as claimed in claim 1 comprises:

the interior lateral surface being positioned concentric to the exterior lateral surface;

the exterior lateral surface being peripherally positioned to the extendable sleeve opposite the interior lateral surface;

the width adjuster mechanism of the first sleeve opening being circumferentially positioned to the first sleeve opening;

the width adjuster mechanism of the second sleeve opening being circumferentially positioned to the second sleeve opening;

the breakaway recovery strap of the first opening being tangentially positioned to the width adjuster mechanism of the first sleeve opening; and

the breakaway recovery strap of the second sleeve opening being tangentially positioned to the width adjuster mechanism of the second sleeve opening.

5. The extendable rope protecting sleeve as claimed in claim 1 comprises:

the lateral protective surface being compressible between the first sleeve opening and the second sleeve opening;

the breakaway recovery strap of the first sleeve opening being extendably coupled to the lateral protective surface by way of the width adjuster mechanism of the first sleeve opening; and

the breakaway recovery strap of the second sleeve opening being extendably coupled to the lateral protective surface by way of the width adjuster mechanism of the second sleeve opening.

6. The extendable rope protecting sleeve as claimed in claim 1 comprises:

the width adjuster mechanism being coincident with the lateral protective surface;

the drawstring channel being positioned between the exterior lateral surface and the interior lateral surface;

the drawstring channel being traversed by the drawstring by way of the channel openings;